

**Table 2. Changes in Landing Ellipse Size and Orientation**

MER-A Changes in Ellipse Size and Orientation with Latitude

Touchdown Latitude [deg.]	Azimuth of Landing Ellipse [deg.]	Total Alongtrack Dispersion [3s major axis, km]
5	87	~ 175
0	83	134
-5	78	108
-10	73	82
-15	66	56

MER-B Changes in Ellipse Size and Orientation with Latitude

Touchdown Latitude [deg.]	Azimuth of Landing Ellipse [deg.]	Total Alongtrack Dispersion [3s major axis, km]
10	98	224
5	94	189
0	89	152
-5	84	118
-10	81	87